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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>25 January 2008</u>.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-68</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-68</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some *   c)☐ None of:

     1.☐ Certified copies of the priority documents have been received.

     2.☐ Certified copies of the priority documents have been received in Application No. _____.

     3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date <u>1/25/08</u>.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1. Claims 1-68 are presented for examination.

2. Claims 1, 13, 37, 45 and 57 are amended.

3. This action is in response to amendment file don 1/25/2008.

4. IDS filed on 1/25/08 is considered.

The New Grounds of Rejection

5. Applicant's amendment and argument with respect to claims 1-68 filed on 1/25/2008

have been fully considered but they are deemed to be moot in views of the new grounds

of rejection.

6. In that remarks, applicant's argues in substance:

    a. Applicant argues that Lu and Pocock do not describe, teach or suggest "a

    telephone voice response system for receiving user input via a telephone network,

    and having associated third network address, and the server software receives a

    request from the telephone voice response system, and responds by enabling the

    management of the associated set of options governing the consumption of

    media".

    In response to applicant's argument, Lu teaches a system that allows a user to

    send request to server for desired TV programs from a PVR (Col 9 lines 8-44,

    server receives a request from PVR 200), and Pocock discloses a system that

    allows the viewer to send instructions to a server to identify presentations that are

    desired to view via a telephone and a telephone network (Col 6 lines 19-37). It

would therefore be obvious for a person with ordinary skill in the art to modify

Lu's system such that to have at least one of the PVRs of Lu to be equipped with

the functions of Pocock's system to have the user of Lu's system to be benefited

by using telephone to instruct service providers. Applicant further argues Pocock

does not teach "... and responds by enabling the management of the associated set

of options governing the consumption of media", however, such feature was part

of Lu's system, and it is known to the network communication world that each

device in the network must be associated with a network address in order for the

device to communicate with others (see rejection).

New ground of rejection is provided.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

8. Claims 1-7, 9, 12-19, 21, 24, 37-42, 44-51, 53, 56-63, 65 and 68 are rejected under 35

U.S.C. 103(a) as being unpatentable over Lu, US Patent Number 7,065,778 B1,

hereinafter Lu, in view of Billmaier et al., US Patent Number 7,055,104, hereinafter

Billmaier.

9. Referring to claim 1, Lu teaches a system (system 300, figure 3) supporting the management of options related to media consumption (Col 7 lines 31-34, Col 6 lines 39-45), the system comprising:

a first television display (display 212 of PVR 200A; figure 2 and Col 6 lines 21-28) in a first home with respect to a first user at the first home (the place where PVR 200A resides corresponds to "a first home"; Col 6 lines 43-61, Col 1 lines 64-67, figure 3, and a user exists to use each PVR in each home);

the first television display having an associated first set of options governing the consumption of media (Col 6 lines 39-58, Col 9 lines 29-44, PVR 200A with display 212 supports users to utilize EPG at the first home to select and record desired TV show from remote PVRs, the functions provided from EPG to allow user schedule and program remote recording at PVR 200A, corresponds to associated first set of options governing the consumption of media);

a first storage (data storage device 218 of PVR 200A corresponds to "a first storage") in the first home that stores the media (Col 6 lines 50-53, Col 10 lines 40-43);

the first storage supporting consumption of the media by the first television display (Col 10 lines 26-29, 40-43, data storage device 218 of a PVR is used for storing TV programs for future viewing), and having a first network address (IP address of PVR 200A corresponds to "a first network address"; Col 10 lines 10-15, each PVR is associated with an IP address);

a second television display (display 212 of PVR 200; Col 6 lines 21-28) in a

second home (the place where PVR 200 resides corresponds to "a second home"; figure

3);

the second television display having an associated second set of options

governing the consumption of media (Col 6 lines 39-58, Col 9 lines 29-44, PVR 200 with

display 212 supports users to utilize EPG at the first home to select and record desired

TV show from remote PVRs, the functions provided from EPG to allow user schedule

and program remote recording at PVR 200, corresponds to associated first set of options

governing the consumption of media);

a second storage (data storage device 218 of PVR 200 corresponds to "a second

storage") in the second home that stores the media (Col 5 lines 53-61, Col 10 lines 40-

43);

the second storage (data storage device 218 of PVR 200) supporting consumption

of the media by the second television display (Col 10 lines 26-29, 40-43, data storage

device 218 of a PVR is used for storing TV programs for future viewing), and having a

second network address (IP address of PVR 200 corresponds to "a second network

address"; Col 10 lines 10-15, each PVR is associated with an IP address) with respect to a

second user at the second home (a user exists to use each PVR in each home);

server software (EGP server 304) that maintains a user defined association of the

first and second network addresses (Col 6 lines 54-58, PVR 200A is used to record

desired TV shows requested by user from PVR 200, and once PVR 200A record the TV

show, PVR 200A transmits the TV show to the EGP server 304, which then transmits the

TV show to the requested PVR 200; the association of PVR 200 and PVR 200A is made

when PVR 200A is identified to record the user desired program, and the server must

maintain the association of the network address of PVR 200 and 200A for media

transfer), receives, via a communication network (Internet 302) a request (Col 9 lines 8-

10, 29-44, server receives a request from PVR 200) that identifies one or more of the

associated first or second network addresses, a user identifier, and authorization

information (Col 10 lines 10-15, IP address of PVR 200 is identified as the requester),

and responds by identifying the other of the associated first or second network addresses

(Col 6 lines 45-50, network address of PVR 200A is located (identified) for server to

send request to record desired TV shows) to support the management of one of the

associated first or second sets of options governing the consumption of media (Col 6 lines

39-58, EPG server supports the management of the options governing the consumption of

media from PVRs; for example PVR 200 utilizes EPG to request desired TV shows

requested to be recorded from PVR 200A, and once PVR 200A record the TV show,

PVR 200A transmits the TV show to the EGP server 304, which then transmits the TV

show to the requested PVR 200).

Lu does not explicitly teach, wherein the second user is known to the first user.

Billmaier teaches an interactive television system in a television network

environment that is similar to Lu (figure 1 and related passage), and wherein that in each

interactive television system contains a videoconferencing buddy list for the user video

conferencing with other users in the network (Col 8 lines 63-67), and wherein the users in

the buddy list must be known to the user.

It would have been obvious to a person with ordinary skill in the art at the time

the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user

in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the

modification to Lu because having the buddy-list would allow each user to maintain a list

of other users and allow each user to organize friends and families on their own home

television system for communication and information exchanging as taught by Billmaier

(Col 1 lines 12-19).

10. Referring to claim 2, Lu as modified teaches the system of claim 1 wherein the first and

second network protocol addresses are one of an Internet protocol (IP) address, a media

access control (MAC) address, or an electronic serial number (ESN) (Lu, Col 10 lines 10-

15, each PVR is associated with an IP address).

11. Referring to claim 3, Lu teaches the system of claim 1 wherein the communication

network comprises one or more of a cable infrastructure, a satellite network

infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an

intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure (Lu, Col 7

lines 1-8, PVR 200, 200A and EGP server 304 may be coupled via coaxial cable, copper

wire, fiber optics, the Internet 302, wireless communication and the like).

12. Referring to claim 4, Lu as modified as modified teaches the system of claim 1 wherein

the communication network is the Internet (Lu, Col 7 lines 1-8, Internet 302).

13. Referring to claim 5, Lu as modified teaches the system of claim 1 wherein the media

comprises one or more of audio, a still image, video, real-time video and/or data (Lu, Col

7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).

14. Referring to claim 6, Lu as modified teaches the system of claim 1 wherein consumption comprises one or more of playing audio, displaying a still image, displaying video, and/or displaying data (Col 6 lines 23-28, display devices is suitable for displaying video and/or graphic images and alphanumeric characters recognizable to a user; Col 7 lines 25-28, types of media supported by system 300 are audio, video, graphics, information, data, and/or the like in any type of format).

15. Referring to claim 7, Lu as modified teaches the system of claim 1 wherein each of the associated first and second sets of options governing the consumption of media comprises one or more of a media schedule, a device address, a device identifier, billing information, tracking information channel setup information, program setup information, digital rights management information, media caching information, media storage information, media filter information, a user profile, and/or pay-per-view event information (Col 6 lines 35-58, user uses EGP to select desired TV show for recording, which includes media scheduling and program setup information).

16. Referring to claim 9, Lu as modified teaches the system of claim 1 wherein management comprises one or more of observing, setting, modifying, deleting, registering, authenticating, and/or determining authority (Col 6 lines 45-58, EPG server locates the PVRs situated in within a broadcast region of the requested television show covers the limitation of observing and determining authority).

17. Referring to claim 12, Lu as modified teaches the system of claim 1 wherein the server

software functions to perform one or both of the storage and/or delivery of media (Col 6

lines 54-58, PVR 200A is used to record desired TV shows requested from PVR 200, and

once PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP

server 304, which then transmits the TV show to the requested PVR 200).

18. Referring to claim 13, Lu teaches a system (system 300, figure 3) supporting the

management of options related to media consumption (Col 7 lines 31-34, Col 6 lines 39-

45), the system comprising:

    a television display (display 212 of PVR 200A; figure 2 and Col 6 lines 21-28) in

a first home (the place where PVR 200A resides corresponds to "a first home"; Col 6

lines 43-61, Col 1 lines 64-67, figure 3);

    a first storage (data storage device 218 of PVR 200A corresponds to "a first

storage") that stores the media (Col 6 lines 50-53, Col 10 lines 40-43), in the first home,

the first storage communicatively coupled to the television display (display 212 of PVR

200A; figure 3 data storage device 218 is coupled to display 212), and having an

associated first set of options governing the consumption of media (Col 6 lines 39-58,

Col 9 lines 29-44, PVR 200A with display 212 supports users to utilize EPG at the first

home to select and record desired TV show from remote PVRs, the functions provided

from EPG to allow user schedule and program remote recording at PVR 200A,

corresponds to associated first set of options governing the consumption of media), and a

first network address (IP address of PVR 200A corresponds to "a first network address";

Col 10 lines 10-15, each PVR is associated with an IP address) with respect to a first user

at the first home (a user exists to use each PVR in each home);

set top box circuitry (PVR 200A corresponds to "set top box circuitry"; Col 5

lines 26-35), in the first home, communicatively coupled to the first storage to support

consumption of media (Col 6 lines 54-58, PVR 200A is used to record desired TV shows

requested from PVR 200, and once PVR 200A record the TV show, PVR 200A transmits

the TV show to the EGP server 304, which then transmits the TV show to the requested

PVR 200);

a personal computer monitor (display 212 of PVR 200; Col 6 lines 21-28, CRT

and LCD display could be personal computer monitors) in a second home (the place

where PVR 200 resides corresponds to "a second home"; figure 3);

a second storage (data storage device 218 of PVR 200 corresponds to "a second

storage") that stores the media, in the second home (Col 5 lines 53-61, Col 10 lines 40-

43), the second storage communicatively coupled to the personal computer monitor

(display 212 of PVR 200; figure 3 data storage device 218 is coupled to display 212), and

having an associated second set of options governing the consumption of media (Col 6

lines 39-58, Col 9 lines 29-44, PVR 200 with display 212 supports users to utilize EPG at

the first home to select and record desired TV show from remote PVRs, the functions

provided from EPG to allow user schedule and program remote recording at PVR 200,

corresponds to associated first set of options governing the consumption of media); and

having a second network address (IP address of PVR 200 corresponds to "a second

network address"; Col 10 lines 10-15, each PVR is associated with an IP address) with

respect to a second user at the second home (a user exists to use each PVR in each home);

personal computer circuitry (PVR 200 corresponds to "personal computer

circuitry"; Col 5 lines 26-35), in the second home, communicatively coupled to the

second storage to support consumption of media (Col 6 lines 17-21, storage device 218 is

used to support consumption of media);

server software (EGP server 304) that maintains a user defined association of the

first and second network addresses (Col 6 lines 54-58, PVR 200A is used to record

desired TV shows requested by user from PVR 200, and once PVR 200A record the TV

show, PVR 200A transmits the TV show to the EGP server 304, which then transmits the

TV show to the requested PVR 200; the association of PVR 200 and PVR 200A is made

when PVR 200A is identified to record the user desired program, and the server must

maintain the association of the network address of PVR 200 and 200A for media

transfer), receives a request (Col 9 lines 8-10, 29-44, server receives a request from PVR

200) that identifies one or more of the associated first or second network addresses, a user

identifier, and authorization information (Col 10 lines 10-15, IP address of PVR 200 is

identified as the requester), and responds by identifying the other of the associated first or

second network addresses (Col 6 lines 45-50, network address of PVR 200A is located

(identified) for server to send request to record desired TV shows) to support the

management of one of the associated first or second sets of options governing the

consumption of media (Col 6 lines 39-58, EPG server supports the management of the

options governing the consumption of media from PVRs; for example PVR 200 utilizes

EPG to request desired TV shows requested to be recorded from PVR 200A, and once

PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP server

304, which then transmits the TV show to the requested PVR 200).

Lu does not explicitly teach, wherein the second user is known to the first user.

Billmaier teaches an interactive television system in a television network

environment that is similar to Lu (figure 1 and related passage), and wherein that in each

interactive television system contains a videoconferencing buddy list for the user video

conferencing with other users in the network (Col 8 lines 63-67), and wherein the users in

the buddy list must be known to the user.

It would have been obvious to a person with ordinary skill in the art at the time

the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user

in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the

modification to Lu because having the buddy-list would allow each user to maintain a list

of other users and allow each user to organize friends and families on their own home

television system for communication and information exchanging as taught by Billmaier

(Col 1 lines 12-19).

19. Referring to claim 14, Lu as modified teaches the system of claim 13 wherein the first

and second network protocol addresses are one of an Internet protocol (IP) address, a

media access control (MAC) address, or an electronic serial number (ESN) (Lu, Col 10

lines 10-15, each PVR is associated with an IP address).

20. Referring to claim 15, Lu as modified teaches the system of claim 13 wherein the communication network comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure (Lu, Col 7 lines 1-8, PVR 200, 200A and EGP server 304 may be coupled via coaxial cable, copper wire, fiber optics, the Internet 302, wireless communication and the like).

21. Referring to claim 16, Lu as modified as modified teaches the system of claim 13 wherein the communication network is the Internet (Lu, Col 7 lines 1-8, Internet 302).

22. Referring to claim 17, Lu as modified teaches the system of claim 13 wherein the media comprises one or more of audio, a still image, video, real-time video and/or data (Lu, Col 7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).

23. Referring to claim 18, Lu as modified teaches the system of claim 13 wherein consumption comprises one or more of playing audio, displaying a still image, displaying video, and/or displaying data (Col 6 lines 23-28, display devices is suitable for displaying video and/or graphic images and alphanumeric characters recognizable to a user; Col 7 lines 25-28, types of media supported by system 300 are audio, video, graphics, information, data, and/or the like in any type of format).

24. Referring to claim 19, Lu as modified teaches the system of claim 13 wherein each of the associated first and second sets of options governing the consumption of media comprises one or more of a media schedule, a device address, a device identifier, billing

information, tracking information channel setup information, program setup information,

digital rights management information, media caching information, media storage

information, media filter information, a user profile, and/or pay-per-view event

information (Col 6 lines 35-58, user uses EGP to select desired TV show for recording,

which includes media scheduling and program setup information).

25. Referring to claim 21, Lu as modified teaches the system of claim 13 wherein

management comprises one or more of observing, setting, modifying, deleting,

registering, authenticating, and/or determining authority (Col 6 lines 45-58, EPG server

locates the PVRs situated in within a broadcast region of the requested television show

covers the limitation of observing and determining authority).

26. Referring to claim 24, Lu as modified teaches the system of claim 13 wherein the server

software functions to perform one or both of the storage and delivery of media (Col 6

lines 54-58, PVR 200A is used to record desired TV shows requested from PVR 200, and

once PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP

server 304, which then transmits the TV show to the requested PVR 200).

27. Referring to claim 37, Lu teaches a system (system 300, figure 3) supporting the

management of options related to media consumption (Col 7 lines 31-34, Col 6 lines 39-

45), the system comprising:

    set top box circuitry (PVR 200A), in a first home (the place where PVR 200A

resides corresponds to "a first home"; Col 6 lines 43-61, Col 1 lines 64-67, figure 3),

communicatively coupled to a first storage in the first home (figure 2, PVR 200A coupled

to the storage 218), the first storage having an associated first set of options governing the

consumption of media (Col 6 lines 39-58, Col 9 lines 29-44, PVR 200A with display 212

supports users to utilize EPG at the first home to select and record desired TV show from

remote PVRs, the functions provided from EPG to allow user schedule and program

remote recording at PVR 200A), with respect to the first user at the first home (each PVR

is associated with a subscriber), to support consumption of media using a television

display (display 121 of PVR 200A; figure 2 and Col 6 lines 39-45) in the first home (Col

6 lines 39-58, Col 9 lines 29-44, PVR 200A with display 212 supports users to utilize

EPG at the first home to select and record desired TV show from remote PVRs);

circuitry, (data storage device 218 of PVR 200, figure 2) in the second home

(figure 3, PVR 200 is physically separated from PVR 200A, Col 6 lines 43-61, Col 1

lines 64-67), communicatively coupled to a second storage home (figure 2, PVR 200

coupled to the storage 218), having an associated second set of options governing the

consumption of media (every PVR is having the associated options for scheduling and

controls) and a second network address address (IP address of PVR 200 corresponds to "a

second network address"; Col 10 lines 10-15, each PVR is associated with an IP address)

with respect to a second user at the second home (a user exists to use each PVR in each

home), to support consumption of media using a computer or other monitor or display in

a second home (display 212 of PVR 200; Col 6 lines 21-28, figure 3); and

software (EGP server 304) that maintains a user defined association of the first

and second network addresses (Col 6 lines 54-58, PVR 200A is used to record desired

TV shows requested by user from PVR 200, and once PVR 200A record the TV show,

PVR 200A transmits the TV show to the EGP server 304, which then transmits the TV

show to the requested PVR 200; the association of PVR 200 and PVR 200A is made

when PVR 200A is identified to record the user desired program, and the server must

maintain the association of the network address of PVR 200 and 200A for media

transfer), receives a request (Col 9 lines 8-10, 29-44, server receives a request from PVR

200) that identifies one or more of the associated first or second network addresses, a user

identifier, and/or authorization information (Col 10 lines 10-15, IP address of PVR 200 is

identified as the requester), and responds by identifying the other of the associated first or

second network addresses (Col 6 lines 45-50, network address of PVR 200A is located

(identified) for server to send request to record desired TV shows) to support the

management of one of the associated first or second sets of options governing the

consumption of media (Col 6 lines 39-58, EPG server supports the management of the

options governing the consumption of media from PVRs; for example PVR 200 utilizes

EPG to request desired TV shows requested to be recorded from PVR 200A, and once

PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP server

304, which then transmits the TV show to the requested PVR 200).

Lu does not explicitly teach, wherein the second user is known to the first user.

Billmaier teaches an interactive television system in a television network

environment that is similar to Lu (figure 1 and related passage), and wherein that in each

interactive television system contains a videoconferencing buddy list for the user video

conferencing with other users in the network (Col 8 lines 63-67), and wherein the users in

the buddy list must be known to the user.

It would have been obvious to a person with ordinary skill in the art at the time

the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user

in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the

modification to Lu because having the buddy-list would allow each user to maintain a list

of other users and allow each user to organize friends and families on their own home

television system for communication and information exchanging as taught by Billmaier

(Col 1 lines 12-19).

28. Referring to claim 38, Lu as modified teaches the system of claim 37 wherein the

communication network comprises one or more of a cable infrastructure, a satellite

network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet

infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless

infrastructure (Lu, Col 7 lines 1-8, PVR 200, 200A and EGP server 304 may be coupled

via coaxial cable, copper wire, fiber optics, the Internet 302, wireless communication and

the like).

29. Referring to claim 39, Lu as modified as modified teaches the system of claim 37

wherein the communication network is the Internet (Lu, Col 7 lines 1-8, Internet 302).

30. Referring to claim 40, Lu as modified teaches the system of claim 37 wherein the media

comprises one or more of audio, a still image, video, real-time video and/or data (Lu, Col

7 lines 25-28, network 300 operate with any type of media content: audio, video,

graphics, information, data, and/or the like in any type of format).

31. Referring to claim 41, Lu as modified teaches the system of claim 37 wherein

    consumption comprises one or more of playing audio, displaying a still image, displaying

    video, and/or displaying data (Col 6 lines 23-28, display devices is suitable for displaying

    video and/or graphic images and alphanumeric characters recognizable to a user; Col 7

    lines 25-28, types of media supported by system 300 are audio, video, graphics,

    information, data, and/or the like in any type of format).

32. Referring to claim 42, Lu as modified teaches the system of claim 37 wherein the

    associated first and second sets of options governing the consumption of media comprises

    one or more of a media schedule, a device address, a device identifier, billing

    information, tracking information channel setup information, program setup information,

    digital rights management information, media caching information, media storage

    information, media filter information, a user profile, and/or pay-per-view event

    information (Col 6 lines 35-58, user uses EGP to select desired TV show for recording,

    which includes media scheduling and program setup information).

33. Referring to claim 44, Lu as modified teaches the system of claim 37 wherein the

    management comprises one or more of observing, setting, modifying, deleting,

    registering, authenticating, and/or determining authority (Col 6 lines 45-58, EPG server

    locates the PVRs situated in within a broadcast region of the requested television show

    covers the limitation of observing and determining authority).

34. Referring to claim 45, Lu teaches a system (system 300, figure 3) supporting the

    management of options related to media consumption (Col 7 lines 31-34, Col 6 lines 39-

    45), the system comprising:

a first television display (display 212 of PVR 200A; figure 2 and Col 6 lines 21-

28) in a first home (the place where PVR 200A resides corresponds to "a first home"; Col

6 lines 43-61, Col 1 lines 64-67, figure 3), communicatively coupled to a first storage in

the first home (data storage device 218 of PVR 200A corresponds to "a first storage",

figure 2), the first storage having a first network address (IP address of PVR 200A

corresponds to "a first network address"; Col 10 lines 10-15, each PVR is associated with

an IP address) with respect to a first user in a first home (a user exists to use each PVR in

each home);

a second television display (display 212 of PVR 200; Col 6 lines 21-28) in a

second home (the place where PVR 200 resides corresponds to "a second home"; figure

3), communicatively coupled to a second storage in the second home (data storage device

218 of PVR 200 corresponds to "a first storage", figure 2), the second storage having a

second network address (IP address of PVR 200 corresponds to "a first network address";

Col 10 lines 10-15, each PVR is associated with an IP address) with respect to a second

user in a second home (a user exists to use each PVR in each home), the second

television having an associated first set of options governing the consumption of media

(Col 6 lines 39-58, Col 9 lines 29-44, PVR 200 with display 212 supports users to utilize

EPG at the first home to select and record desired TV show from remote PVRs, the

functions provided from EPG to allow user schedule and program remote recording at

PVR 200);

software (EGP server 304) that maintains a user defined association of the first

and second network addresses (Col 6 lines 54-58, PVR 200A is used to record desired

TV shows requested by user from PVR 200, and once PVR 200A record the TV show,

PVR 200A transmits the TV show to the EGP server 304, which then transmits the TV

show to the requested PVR 200; the association of PVR 200 and PVR 200A is made

when PVR 200A is identified to record the user desired program, and the server must

maintain the association of the network address of PVR 200 and 200A for media

transfer), receives a request (Col 9 lines 8-10, 29-44, server receives a request from PVR

200) that identifies one or more of the associated first or second network addresses, a user

identifier, and/or authorization information (Col 10 lines 10-15, IP address of PVR 200 is

identified as the requester), and responds by identifying the other of the associated first or

second network addresses (Col 6 lines 45-50, network address of PVR 200A is located

(identified) for server to send request to record desired TV shows) to support the

management of one of the associated first or second sets of options governing the

consumption of media (Col 6 lines 39-58, EPG server supports the management of the

options governing the consumption of media from PVRs; for example PVR 200 utilizes

EPG to request desired TV shows requested to be recorded from PVR 200A, and once

PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP server

304, which then transmits the TV show to the requested PVR 200).

Lu does not explicitly teach, wherein the second user is known to the first user.

Billmaier teaches an interactive television system in a television network

environment that is similar to Lu (figure 1 and related passage), and wherein that in each

interactive television system contains a videoconferencing buddy list for the user video

conferencing with other users in the network (Col 8 lines 63-67), and wherein the users in the buddy list must be known to the user.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the modification to Lu because having the buddy-list would allow each user to maintain a list of other users and allow each user to organize friends and families on their own home television system for communication and information exchanging as taught by Billmaier (Col 1 lines 12-19).

35. Referring to claim 46, Lu as modified teaches the system of claim 45 wherein the first and second network protocol addresses are one of an Internet protocol (IP) address, a media access control (MAC) address, or an electronic serial number (ESN) (Lu, Col 10 lines 10-15, each PVR is associated with an IP address).

36. Referring to claim 47, Lu as modified teaches the system of claim 45 wherein the communication network comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure (Lu, Col 7 lines 1-8, PVR 200, 200A and EGP server 304 may be coupled via coaxial cable, copper wire, fiber optics, the Internet 302, wireless communication and the like).

37. Referring to claim 48, Lu as modified as modified teaches the system of claim 45 wherein the communication network is the Internet (Lu, Col 7 lines 1-8, Internet 302).

38. Referring to claim 49, Lu as modified teaches the system of claim 45 wherein the media comprises one or more of audio, a still image, video, real-time video and/or data (Lu, Col 7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).

39. Referring to claim 50, Lu as modified teaches the system of claim 45 wherein consumption comprises one or more of playing audio, displaying a still image, displaying video, and/or displaying data (Col 6 lines 23-28, display devices is suitable for displaying video and/or graphic images and alphanumeric characters recognizable to a user; Col 7 lines 25-28, types of media supported by system 300 are audio, video, graphics, information, data, and/or the like in any type of format).

40. Referring to claim 51, Lu as modified teaches the system of claim 45 wherein each of the associated first and second sets of options governing the consumption of media comprises one or more of a media schedule, a device address, a device identifier, billing information, tracking information channel setup information, program setup information, digital rights management information, media caching information, media storage information, media filter information, a user profile, and/or pay-per-view event information (Col 6 lines 35-58, user uses EGP to select desired TV show for recording, which includes media scheduling and program setup information).

41. Referring to claim 53, Lu as modified teaches the system of claim 45 wherein management comprises one or more of observing, setting, modifying, deleting,

registering, authenticating, and/or determining authority (Col 6 lines 45-58, EPG server

locates the PVRs situated in within a broadcast region of the requested television show

covers the limitation of observing and determining authority).

42. Referring to claim 56, Lu as modified teaches the system of claim 45 wherein the server

software functions to perform one or both of the storage and delivery of media (Col 6

lines 54-58, PVR 200A is used to record desired TV shows requested from PVR 200, and

once PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP

server 304, which then transmits the TV show to the requested PVR 200).

43. Referring to claim 57, Lu teaches a system (system 300, figure 3) supporting the

management of options related to media consumption (Col 7 lines 31-34, Col 6 lines 39-

45), the system comprising:

at least one processor (EGP server 304) that maintains a user defined association

of the first and second network addresses (Col 6 lines 54-58, PVR 200A is used to record

desired TV shows requested by user from PVR 200, and once PVR 200A record the TV

show, PVR 200A transmits the TV show to the EGP server 304, which then transmits the

TV show to the requested PVR 200; the association of PVR 200 and PVR 200A is made

when PVR 200A is identified to record the user desired program, and the server must

maintain the association of the network address of PVR 200 and 200A for media transfer)

with respect to a first and second users, respectively, in the first and second homes,

respectively, (a user exists to use each PVR in each home), the at least one processor),

receives, via a communication network (Internet 302) a request (Col 9 lines 8-10, 29-44,

server receives a request from PVR 200) that identifies one or more of the associated first

or second network addresses, a user identifier, and authorization information (Col 10 lines 10-15, IP address of PVR 200 is identified as the requester), and responds by identifying the other of the associated first or second network addresses (Col 6 lines 45-50, network address of PVR 200A is located (identified) for server to send request to record desired TV shows) to support the management of one of the associated first or second sets of options governing the consumption of media (Col 6 lines 39-58, EPG server supports the management of the options governing the consumption of media from PVRs; for example PVR 200 utilizes EPG to request desired TV shows requested to be recorded from PVR 200A, and once PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP server 304, which then transmits the TV show to the requested PVR 200).

Lu does not explicitly teach, wherein the second user is known to the first user.

Billmaier teaches an interactive television system in a television network environment that is similar to Lu (figure 1 and related passage), and wherein that in each interactive television system contains a videoconferencing buddy list for the user video conferencing with other users in the network (Col 8 lines 63-67), and wherein the users in the buddy list must be known to the user.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to incorporate the buddy list of Billmaier to Lu, so that each user in each home of Lu can maintains a buddy-list of other users in other homes.

A person with ordinary skill in the art would have been motivated to make the modification to Lu because having the buddy-list would allow each user to maintain a list

of other users and allow each user to organize friends and families on their own home television system for communication and information exchanging as taught by Billmaier (Col 1 lines 12-19).

44. Referring to claim 58, Lu as modified teaches the system of claim 57 wherein the first and second network protocol addresses are one of an Internet protocol (IP) address, a media access control (MAC) address, or an electronic serial number (ESN) (Lu, Col 10 lines 10-15, each PVR is associated with an IP address).

45. Referring to claim 59, Lu as modified teaches the system of claim 57 wherein the communication network comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure (Lu, Col 7 lines 1-8, PVR 200, 200A and EGP server 304 may be coupled via coaxial cable, copper wire, fiber optics, the Internet 302, wireless communication and the like).

46. Referring to claim 60, Lu as modified as modified teaches the system of claim 57 wherein the communication network is the Internet (Lu, Col 7 lines 1-8, Internet 302).

47. Referring to claim 61, Lu as modified teaches the system of claim 57 wherein the media comprises one or more of audio, a still image, video, real-time video and/or data (Lu, Col 7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).

48. Referring to claim 62, Lu as modified teaches the system of claim 57 wherein consumption comprises one or more of playing audio, displaying a still image, displaying

video, and/or displaying data (Col 6 lines 23-28, display devices is suitable for displaying video and/or graphic images and alphanumeric characters recognizable to a user; Col 7 lines 25-28, types of media supported by system 300 are audio, video, graphics, information, data, and/or the like in any type of format).

49. Referring to claim 63, Lu as modified teaches the system of claim 57 wherein each of the associated first and second sets of options governing the consumption of media comprises one or more of a media schedule, a device address, a device identifier, billing information, tracking information channel setup information, program setup information, digital rights management information, media caching information, media storage information, media filter information, a user profile, and/or pay-per-view event information (Col 6 lines 35-58, user uses EGP to select desired TV show for recording, which includes media scheduling and program setup information).

50. Referring to claim 65, Lu as modified teaches the system of claim 57 wherein management comprises one or more of observing, setting, modifying, deleting, registering, authenticating, and/or determining authority (Col 6 lines 45-58, EPG server locates the PVRs situated in within a broadcast region of the requested television show covers the limitation of observing and determining authority).

51. Referring to claim 68, Lu as modified teaches the system of claim 57 wherein the server software functions to perform one or both of the storage and delivery of media (Col 6 lines 54-58, PVR 200A is used to record desired TV shows requested from PVR 200, and once PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP server 304, which then transmits the TV show to the requested PVR 200).

52. Claims 8, 20, 43, 52 and 64 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Lu, US Patent Number 7,065,778 B1, hereinafter Lu, in view of Billmaier , and in

further view of Koppich et al., US Patent Number 7,084,994, hereinafter Koppich.

53. Referring to claims 8, 20, 43, 52 and 64, Lu teaches the invention as described in claims

7, 19, 42, 51, and 63. Lu does not specifically teach the media filtering information

comprises one or more of an industry rating, a program time, a language, content

information and/or a personal program preference.

However, Koppich teaches at a cable head end, the resident software maintains a

directory of user profiles in a preference directory, wherein the profiles includes

subscribers information, set top box capabilities and blocking filters (Col 11 lines 32-36).

It would have been obvious to a person with ordinary skill in the art at the time

the invention was made to incorporate user profiles with user preferences of Koppich to

Lu, because Lu and Koppich both teaches inventions related to video services with set

top box. Lu teaches a system of users using personalized video recorders to record

desired television show from remote locations (Col 6 lines 39-58), and Koppich suggests

a user profile resides on a cable head end, which includes filtering information and user

preferences (Col 11 lines 32-36).

A person with ordinary skill in the art would have been motivated to make the

modification to Lu because having the filtering information with personal program

preferences would allow the personalized video recorder of Lu accepts only the television

shows that meet criteria specified by the filtering data as taught by Koppich (Col 11 lines

36-39).

54. Claims 10, 11, 22, 23, 25-32, 34-36, 54, 55, 66 and 67 are rejected under 35 U.S.C.

103(a) as being unpatentable over Lu, US Patent Number 7,065,778 B1, hereinafter Lu,

in views of Billmaier and/or Pocock, US Patent Number 7,170,546, hereinafter Pocock.

55. Referring to claims 10, 22, 54, and 66, Lu as modified teaches the invention as described

in claims 1, 13, 45 and 57. Lu teaches the server software/processor (EGP server 304)

that receives a request (Col 9 lines 8-10, 29-44, server receives a request from PVR 200)

that identifies one of the associated first or second network addresses, a user identifier,

and authorization information (Col 10 lines 10-15, IP address of PVR 200 is identified as

the requester), and responds by identifying the other of the associated first or second

network addresses (Col 6 lines 45-50, network address of PVR 200A is located

(identified) for server to send request to record desired TV shows) to support the

management of one of the associated first or second sets of options governing the

consumption of media (Col 6 lines 39-58, EPG server supports the management of the

options governing the consumption of media from PVRs; for example PVR 200 utilizes

EPG to request desired TV shows requested to be recorded from PVR 200A, and once

PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP server

304, which then transmits the TV show to the requested PVR 200).

Lu does not specifically teach a telephone voice response system for receiving

user input via a telephone network, and having an associated third network address, and

server software that receives a request from the telephone voice response system.

However, Pocock teaches a telephone voice response system (Col 6 lines 19-37;

Col 12 lines 26-31) for receiving user input via a telephone network (Col 6 lines 28-30,

user gives inputs to the system via telephone network), and having an associated third

network address (a telephone in a telephone network is inherently associated with a

network address such as the telephone number of the telephone), and server software that

receives a request from the telephone voice response system (Col 6 lines 21-25, viewer

sends instructions to server via telephone).

It would have been obvious to a person with ordinary skill in the art at the time

the invention was made to incorporate the telephone voice response system of Pocock

into Lu because both Lu and Pocock teaches television system that distributes video to

viewers (figure 3 of Lu and figure 3 of Pocock), and Pocock suggests the use of

telephone network in the system of Lu for requesting television shows (Col 6 lines 19-

37).

A person with ordinary skill in the art would have been motivated to make the

modification to Lu because having the telephone network would allow the existing

system of Lu to expand by having the system connecting with a telephone network as

taught by Pocock (Col 6 lines 19-37) which would allow a wider range of users to utilize

the system of Lu.

56. Referring to claims 11, 23, 55 and 67, Lu teaches the system of claims 10, 22, 54, and 66,

wherein the telephone voice response system recognizes one or both of human speech

and dual-tone multi-frequency (DTMF) signals (Col 6 lines 26-31, input of DTMF tones).

57. Referring to claim 25, Lu teaches a system (system 300, figure 3) supporting the

management of options related to media consumption (Col 7 lines 31-34, Col 6 lines 39-

45), the system comprising:

a storage (data storage device 218 of PVR 200A corresponds to "a storage") for

storing the media (Col 6 lines 50-53, Col 10 lines 40-43);

set top box circuitry (PVR 200A corresponds to "set top box circuitry"; Col 5

lines 26-35), supporting the consumption of media (Col 6 lines 54-58, PVR 200A is used

to record desired TV shows requested from PVR 200, and once PVR 200A record the TV

show, PVR 200A transmits the TV show to the EGP server 304, which then transmits the

TV show to the requested PVR 200) via a communication network (see figure 3), the set

top box circuitry communicatively coupled to the storage (figure 2, PVR 200A coupled to

the storage 218);

server software (EGP server 304) that receives a request (Col 9 lines 8-10, 29-44,

server receives a request from PVR 200), and responds by enabling the management of

one of the associated set of options governing the consumption of media (Col 6 lines 39-

58, EPG server supports the management of the options governing the consumption of

media from PVRs; for example PVR 200 utilizes EPG to request desired TV shows

requested to be recorded from PVR 200A, and once PVR 200A record the TV show,

PVR 200A transmits the TV show to the EGP server 304, which then transmits the TV

show to the requested PVR 200).

Lu does not specifically teach a telephone voice response system for receiving

user input via a telephone network, and server software that receives a request from the

telephone voice response system.

However, Pocock teaches a telephone voice response system (Col 6 lines 19-37;

Col 12 lines 26-31) for receiving user input via a telephone network (Col 6 lines 28-30,

user gives inputs to the system via telephone network), and server software that receives

a request from the telephone voice response system (Col 6 lines 21-25, viewer sends

instructions to server via telephone).

It would have been obvious to a person with ordinary skill in the art at the time

the invention was made to incorporate the telephone voice response system of Pocock

into Lu because both Lu and Pocock teaches television system that distributes video to

viewers (figure 3 of Lu and figure 3 of Pocock), and Pocock suggests the use of

telephone network in the system of Lu for requesting television shows (Col 6 lines 19-

37).

A person with ordinary skill in the art would have been motivated to make the

modification to Lu because having the telephone network would allow the existing

system of Lu to expand by having the system connecting with a telephone network as

taught by Pocock (Col 6 lines 19-37) which would allow a wider range of users to utilize

the system of Lu.

58. Referring to claim 26, Lu as modified teaches the system of claim 25 wherein the

communication network comprises one or more of a cable infrastructure, a satellite

network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet

infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless

infrastructure (Lu, Col 7 lines 1-8, PVR 200, 200A and EGP server 304 may be coupled

via coaxial cable, copper wire, fiber optics, the Internet 302, wireless communication and

the like).

59. Referring to claim 27, claim 27 encompasses a similar scope of the invention as that of the claims 25. Therefore, claims 27 is rejected on the same ground the claim 25.

60. Referring to claim 28, Lu teaches the system of claim 27 wherein the communication network comprises one or more of a cable infrastructure, a satellite network infrastructure, a digital subscriber line (DSL) infrastructure, an Internet infrastructure, an intranet infrastructure, a wired infrastructure, and/or a wireless infrastructure (Lu, Col 7 lines 1-8, PVR 200, 200A and EGP server 304 may be coupled via coaxial cable, copper wire, fiber optics, the Internet 302, wireless communication and the like).

61. Referring to claim 29, Lu as modified teaches the system of claim 27 wherein the communication network is the Internet (Lu, Col 7 lines 1-8, Internet 302).

62. Referring to claim 30, Lu as modified teaches the system of claim 27 wherein the media comprises one or more of audio, a still image, video, real-time video and/or data (Lu, Col 7 lines 25-28, network 300 operate with any type of media content: audio, video, graphics, information, data, and/or the like in any type of format).

63. Referring to claim 31, Lu as modified teaches the system of claim 27 wherein consumption comprises one or more of playing audio, displaying a still image, displaying video, and/or displaying data (Col 6 lines 23-28, display devices is suitable for displaying video and/or graphic images and alphanumeric characters recognizable to a user; Col 7 lines 25-28, types of media supported by system 300 are audio, video, graphics, information, data, and/or the like in any type of format).

64. Referring to claim 32, Lu as modified teaches the system of claim 27 wherein each of the associated first and second sets of options governing the consumption of media comprises

one or more of a media schedule, a device address, a device identifier, billing

information, tracking information channel setup information, program setup information,

digital rights management information, media caching information, media storage

information, media filter information, a user profile, and/or pay-per-view event

information (Col 6 lines 35-58, user uses EGP to select desired TV show for recording,

which includes media scheduling and program setup information).

65. Referring to claim 34, Lu as modified teaches the system of claim 27 wherein

management comprises one or more of observing, setting, modifying, deleting,

registering, authenticating, and/or determining authority (Col 6 lines 45-58, EPG server

locates the PVRs situated in within a broadcast region of the requested television show

covers the limitation of observing and determining authority).

66. Referring to claim 35, Lu as modified teaches the system of claim27, wherein the

telephone voice response system recognizes one or both of human speech and dual-tone

multi-frequency (DTMF) signals (Col 6 lines 26-31, input of DTMF tones).

67. Referring to claim 36, Lu as modified teaches the system of claim 27 wherein the server

software functions to perform one or both of the storage and/or delivery of media (Col 6

lines 54-58, PVR 200A is used to record desired TV shows requested from PVR 200, and

once PVR 200A record the TV show, PVR 200A transmits the TV show to the EGP

server 304, which then transmits the TV show to the requested PVR 200).

68. Claim 33 is rejected under 35 U.S.C. 103(a) as being unpatentable over Lu, in view of

Pocock in further views of Koppich et al., US Patent Number 7,084,994, hereinafter

Koppich.

69. Referring to claim 33, Lu teaches the invention as described in claim 27. Lu does not

specifically teach the media filtering information comprises one or more of an industry

rating, a program time, a language, content information and/or a personal program

preference.

However, Koppich teaches at a cable head end, the resident software maintains a

directory of user profiles in a preference directory, wherein the profiles includes

subscribers information, set top box capabilities and blocking filters (Col 11 lines 32-36).

It would have been obvious to a person with ordinary skill in the art at the time

the invention was made to incorporate user profiles with user preferences of Koppich to

Lu, because Lu and Koppich both teaches inventions related to video services with set

top box. Lu teaches a system of users using personalized video recorders to record

desired television show from remote locations (Col 6 lines 39-58), and Koppich suggests

a user profile resides on a cable head end, which includes filtering information and user

preferences (Col 11 lines 32-36).

A person with ordinary skill in the art would have been motivated to make the

modification to Lu because having the filtering information with personal program

preferences would allow the personalized video recorder of Lu accepts only the television

shows that meet criteria specified by the filtering data as taught by Koppich (Col 11 lines

36-39).

Conclusion

70. Applicant's amendment necessitated the new ground(s) of rejection presented in this

Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

71. US Patent Number 6,643,658, teaches, each user has an associated address table which

stored user-defined labels associated with network addresses (abstract).

72. US Patent Number 5,917,997, teaches, the user defines the virtual IP address to be

uniquely associated with the other host computer.

73. A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the

advisory action. In no event, however, will the statutory period for reply expire later than

SIX MONTHS from the mailing date of this final action.

74. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Liang-che Alex Wang whose telephone number is

(571)272-3992. The examiner can normally be reached on Monday thru Friday, 8:30 am

to 5:00 pm.

75. If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Glenton B Burgess can be reached on (571)272-3949. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

76. Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).

Liang-che Alex Wang
February 14, 2008